

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080521\  
 Data File : BP006519.D  
 Acq On : 05 Aug 2021 22:38  
 Operator : CG/JU  
 Sample : M3279-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20210570-COM-43

Quant Time: Aug 06 01:12:47 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 03 15:41:30 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	216174	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	909911	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	505245	20.000	ng	0.00
64) Phenanthrene-d10	17.134	188	1000146	20.000	ng	# 0.00
76) Chrysene-d12	21.233	240	954692	20.000	ng	# 0.00
86) Perylene-d12	23.557	264	992148	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2177334	154.702	ng	0.00
7) Phenol-d6	6.940	99	2830665	141.584	ng	0.00
23) Nitrobenzene-d5	8.911	82	1897461	96.253	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	798258	151.175	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	2897302	85.795	ng	0.00
79) Terphenyl-d14	19.710	244	3749194	78.691	ng	0.00

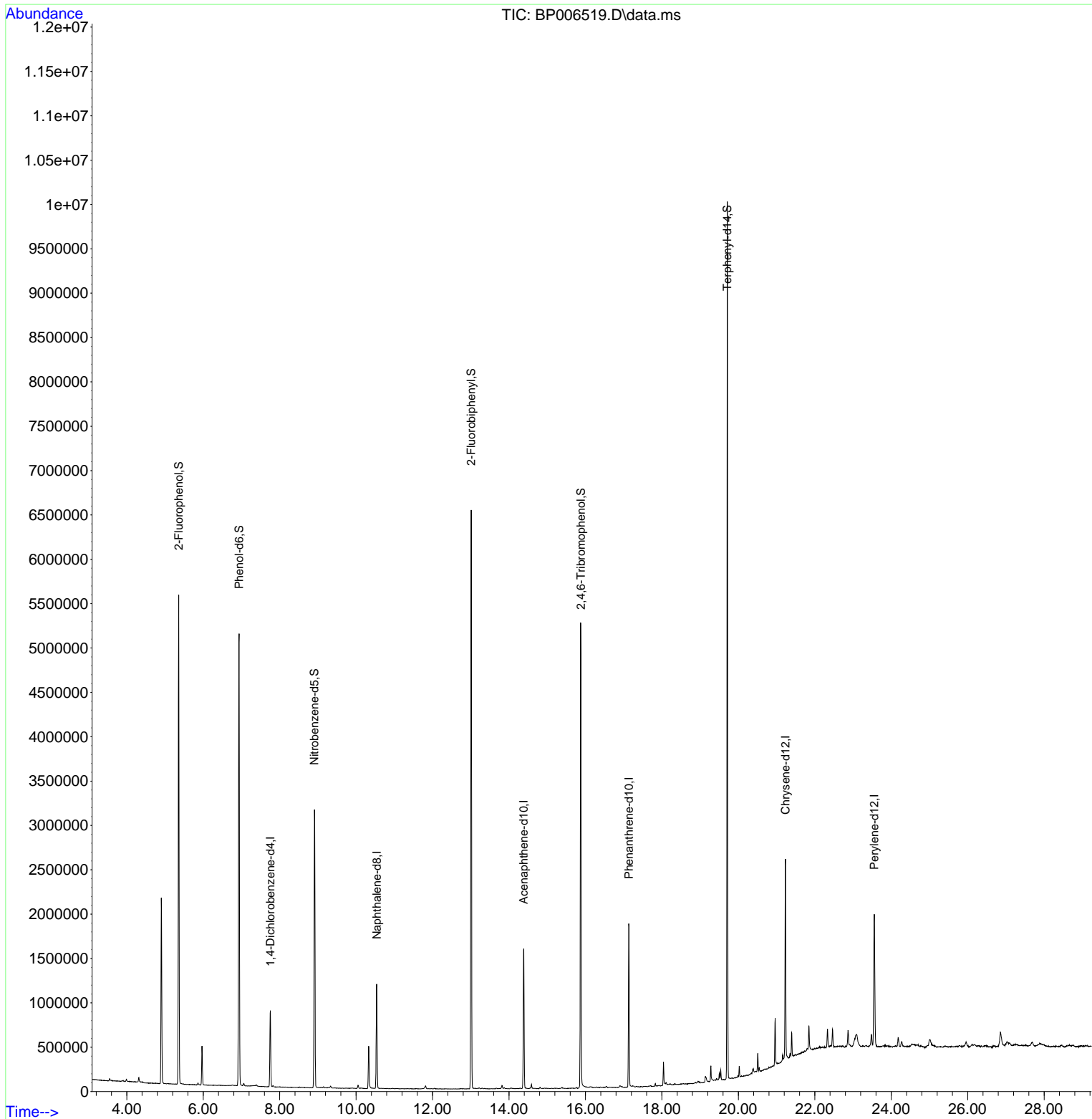
Target Compounds Qvalue

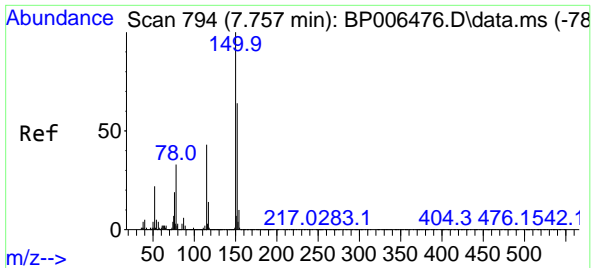
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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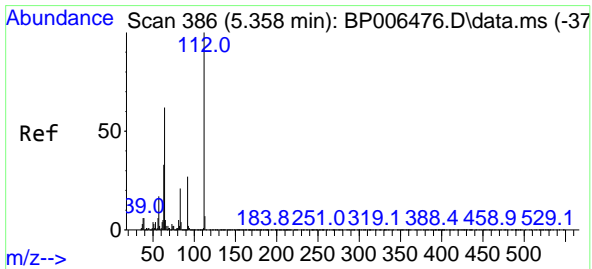
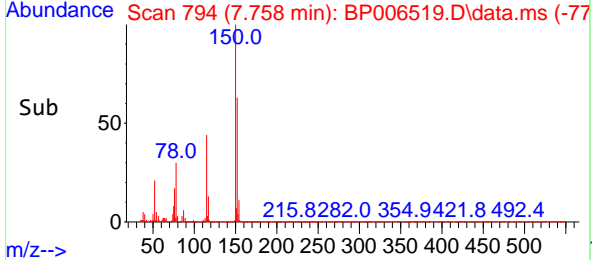
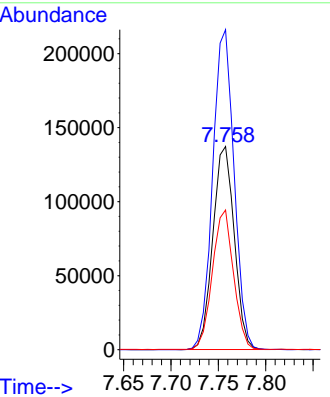
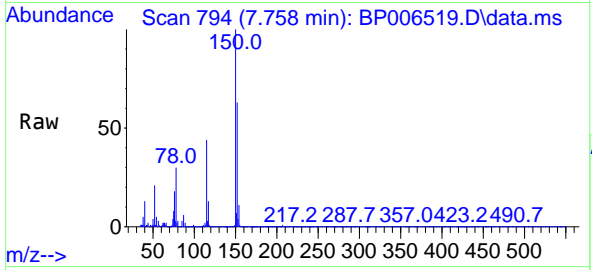


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.758 min Scan# 794  
 Delta R.T. 0.001 min  
 Lab File: BP006519.D  
 Acq: 05 Aug 2021 22:38

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20210570-COM-43

Tgt Ion:152 Resp: 216174

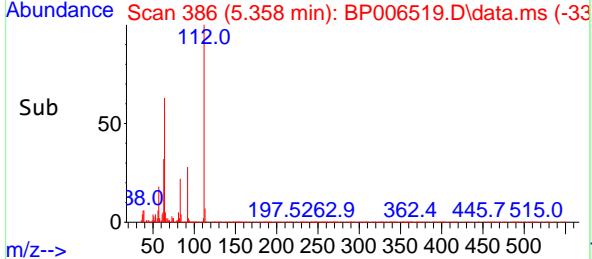
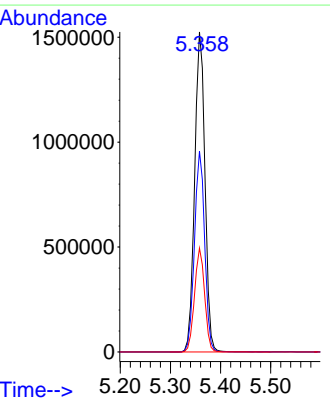
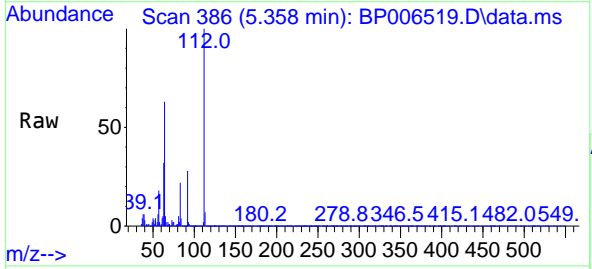
Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.6	188.4
115	68.7	48.5	72.7

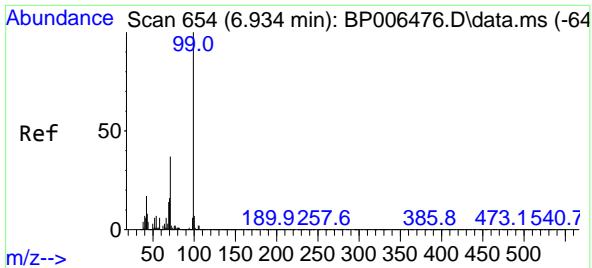


#5  
 2-Fluorophenol  
 Concen: 154.702 ng  
 RT: 5.358 min Scan# 386  
 Delta R.T. 0.000 min  
 Lab File: BP006519.D  
 Acq: 05 Aug 2021 22:38

Tgt Ion:112 Resp: 2177334

Ion	Ratio	Lower	Upper
112	100		
64	62.7	41.4	62.2#
63	32.5	23.8	35.8

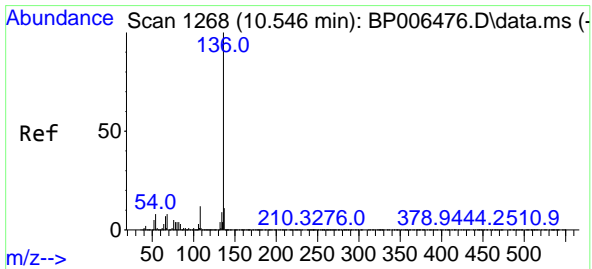
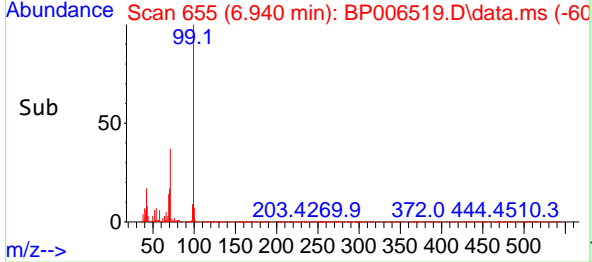
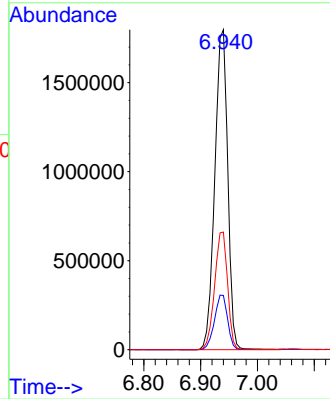
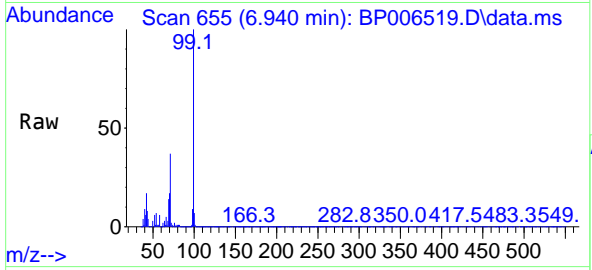




#7  
Phenol-d6  
Concen: 141.584 ng  
RT: 6.940 min Scan# 655  
Delta R.T. 0.006 min  
Lab File: BP006519.D  
Acq: 05 Aug 2021 22:38

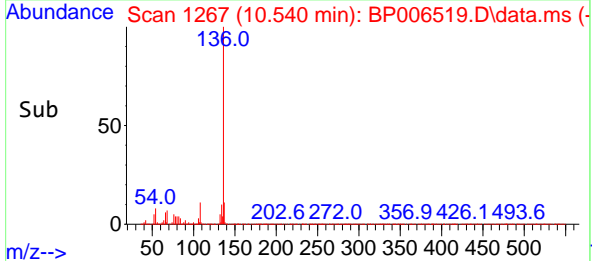
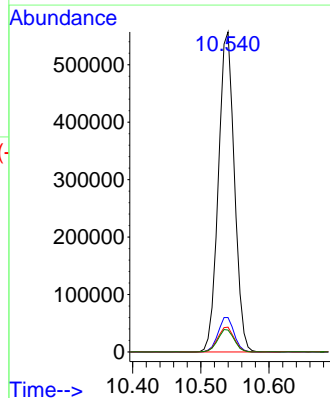
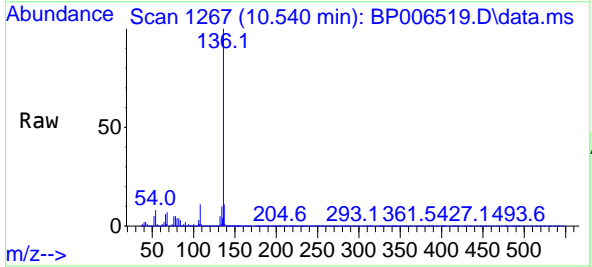
Instrument :  
BNA\_P  
ClientSampleId :  
20210570-COM-43

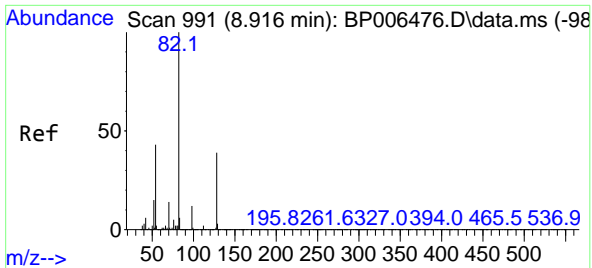
Tgt Ion: 99 Resp: 2830665  
Ion Ratio Lower Upper  
99 100  
42 17.0 13.4 20.0  
71 36.8 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.540 min Scan# 1267  
Delta R.T. -0.006 min  
Lab File: BP006519.D  
Acq: 05 Aug 2021 22:38

Tgt Ion:136 Resp: 909911  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 12.8  
54 7.8 4.6 6.8#  
68 6.8 3.6 5.4#



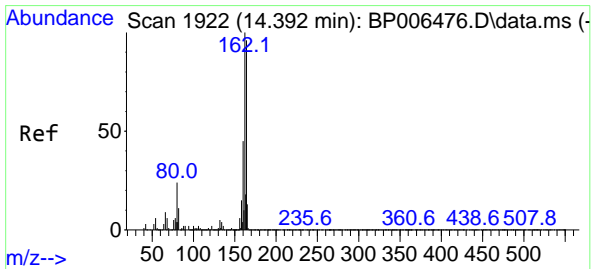
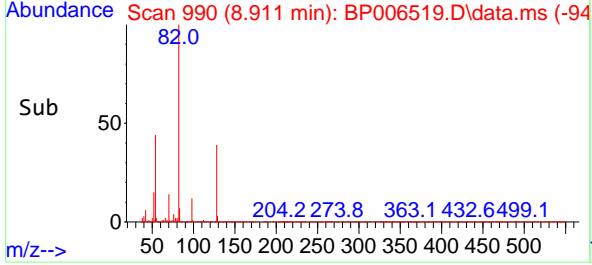
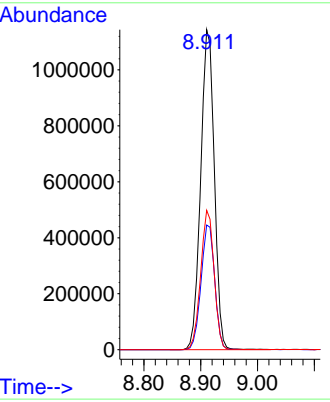
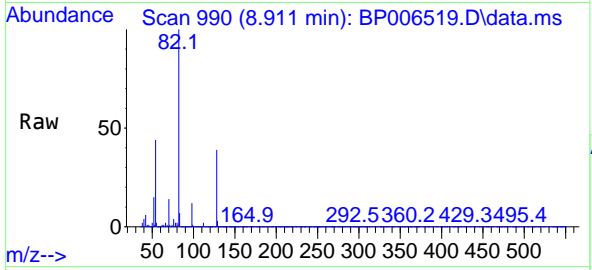


#23  
 Nitrobenzene-d5  
 Concen: 96.253 ng  
 RT: 8.911 min Scan# 990  
 Delta R.T. -0.006 min  
 Lab File: BP006519.D  
 Acq: 05 Aug 2021 22:38

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20210570-COM-43

Tgt Ion: 82 Resp: 1897461

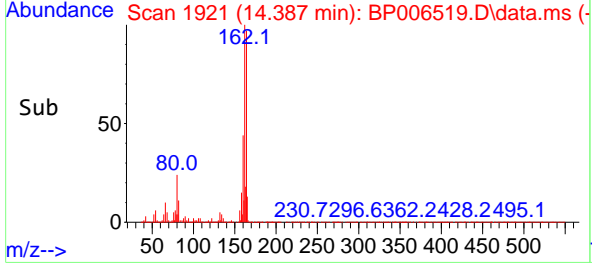
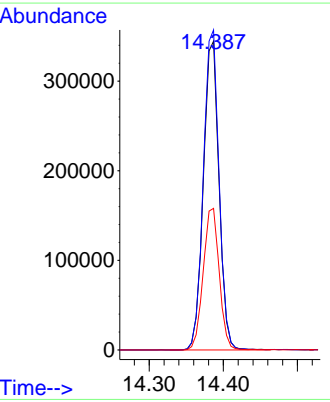
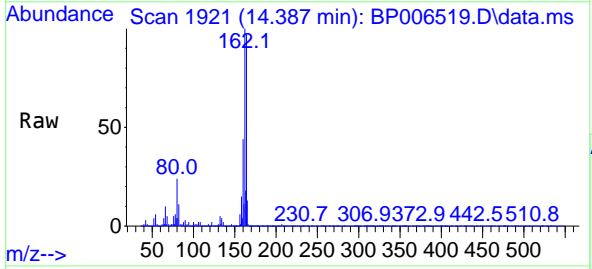
Ion	Ratio	Lower	Upper
82	100		
128	38.9	35.7	53.5
54	43.6	35.0	52.4

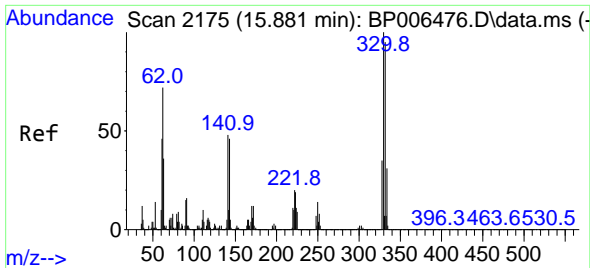


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.387 min Scan# 1921  
 Delta R.T. -0.006 min  
 Lab File: BP006519.D  
 Acq: 05 Aug 2021 22:38

Tgt Ion: 164 Resp: 505245

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.2	120.2
160	45.8	34.5	51.7

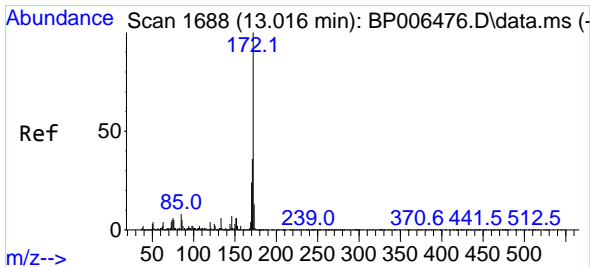
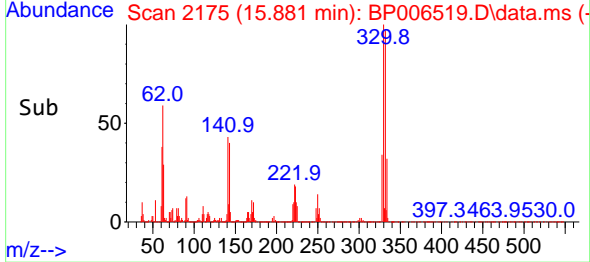
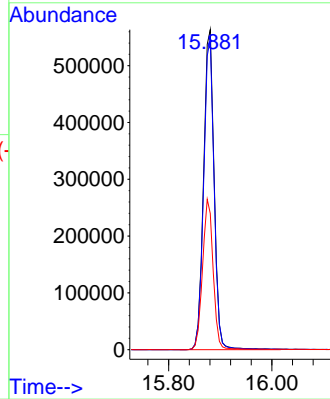
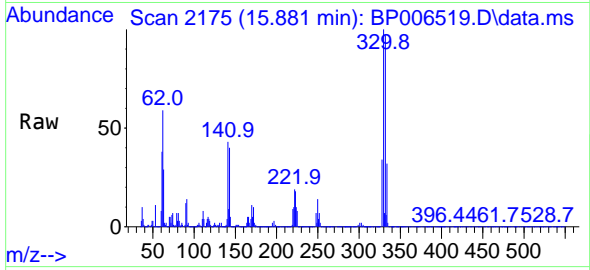




#42  
 2,4,6-Tribromophenol  
 Concen: 151.175 ng  
 RT: 15.881 min Scan# 2175  
 Delta R.T. 0.000 min  
 Lab File: BP006519.D  
 Acq: 05 Aug 2021 22:38

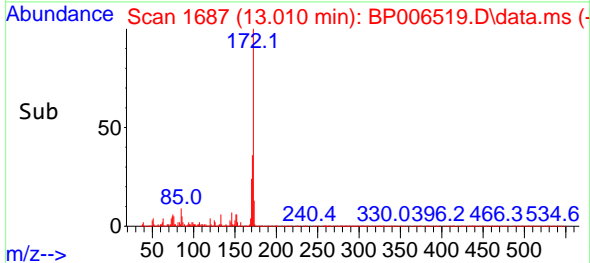
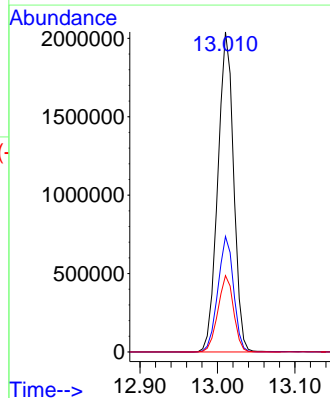
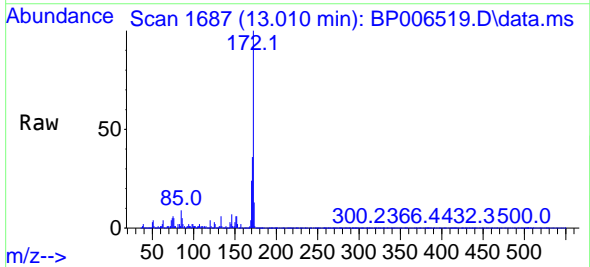
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 20210570-COM-43

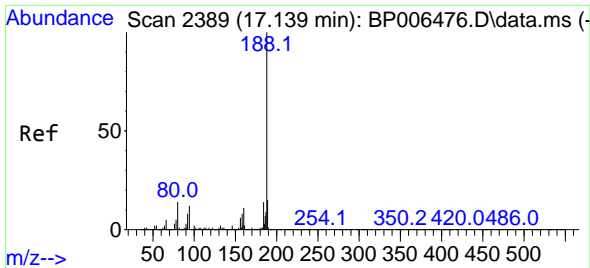
Tgt Ion:330 Resp: 798258  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 77.8 116.8  
 141 47.2 25.4 38.2#



#45  
 2-Fluorobiphenyl  
 Concen: 85.795 ng  
 RT: 13.010 min Scan# 1687  
 Delta R.T. -0.006 min  
 Lab File: BP006519.D  
 Acq: 05 Aug 2021 22:38

Tgt Ion:172 Resp: 2897302  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 27.9 41.9  
 170 23.8 18.6 27.8

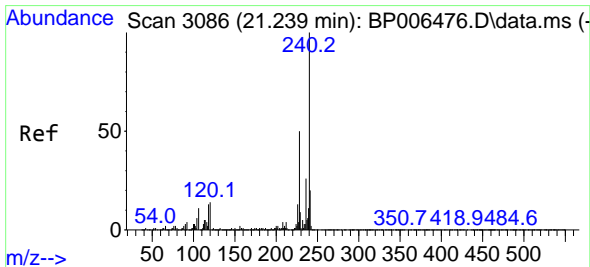
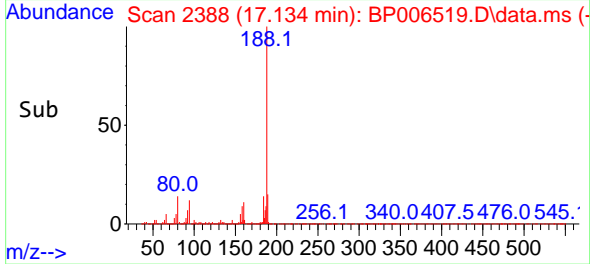
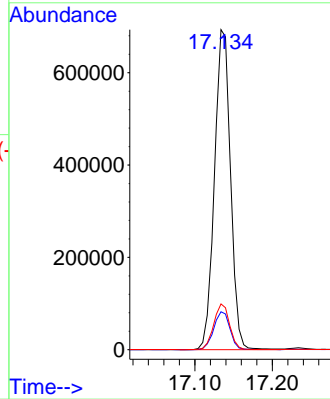
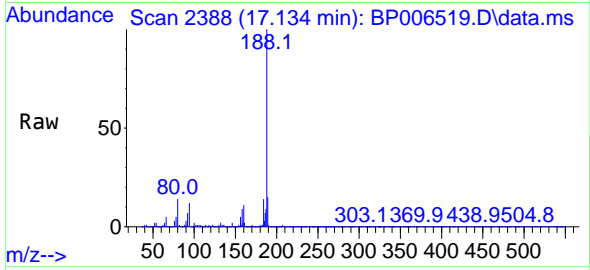




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.134 min Scan# 2388  
Delta R.T. -0.006 min  
Lab File: BP006519.D  
Acq: 05 Aug 2021 22:38

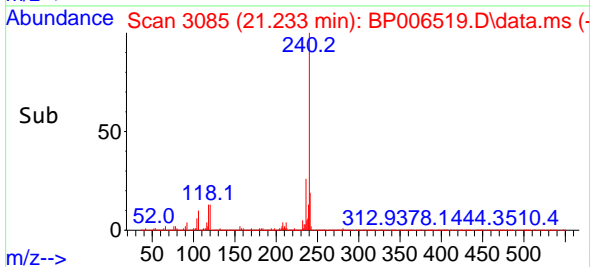
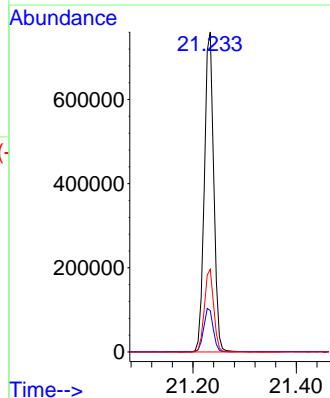
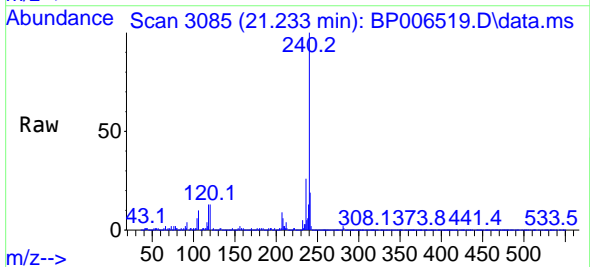
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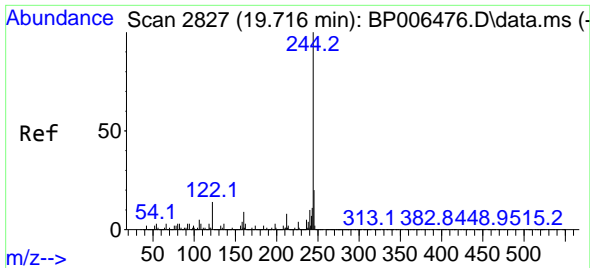
Tgt Ion:188 Resp: 1000146  
Ion Ratio Lower Upper  
188 100  
94 11.9 5.6 8.4#  
80 14.3 6.3 9.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.233 min Scan# 3085  
Delta R.T. -0.006 min  
Lab File: BP006519.D  
Acq: 05 Aug 2021 22:38

Tgt Ion:240 Resp: 954692  
Ion Ratio Lower Upper  
240 100  
120 12.9 6.5 9.7#  
236 25.9 20.6 31.0



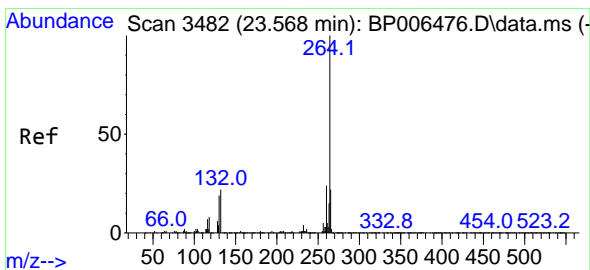
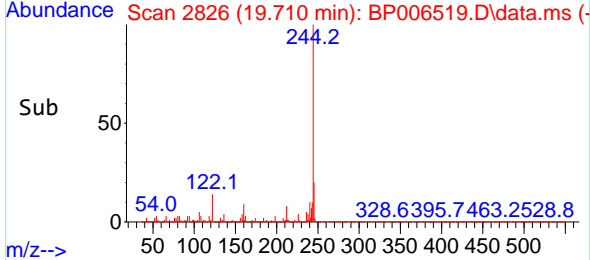
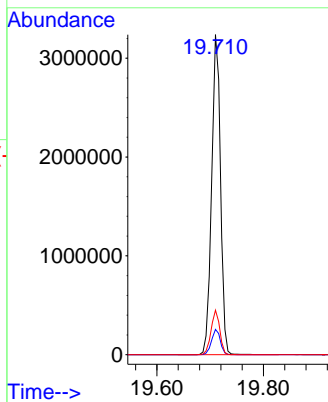
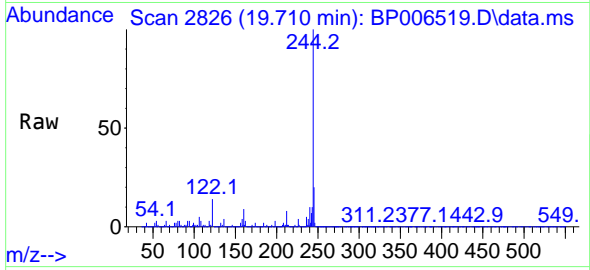


#79  
 Terphenyl-d14  
 Concen: 78.691 ng  
 RT: 19.710 min Scan# 2826  
 Delta R.T. -0.006 min  
 Lab File: BP006519.D  
 Acq: 05 Aug 2021 22:38

**Instrument :**  
 BNA\_P  
**ClientSampled :**  
 20210570-COM-43

Tgt Ion:244 Resp: 3749194

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	13.9	7.1	10.7#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.557 min Scan# 3480  
 Delta R.T. -0.012 min  
 Lab File: BP006519.D  
 Acq: 05 Aug 2021 22:38

Tgt Ion:264 Resp: 992148

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.5	17.6	26.4

